

Figure 1

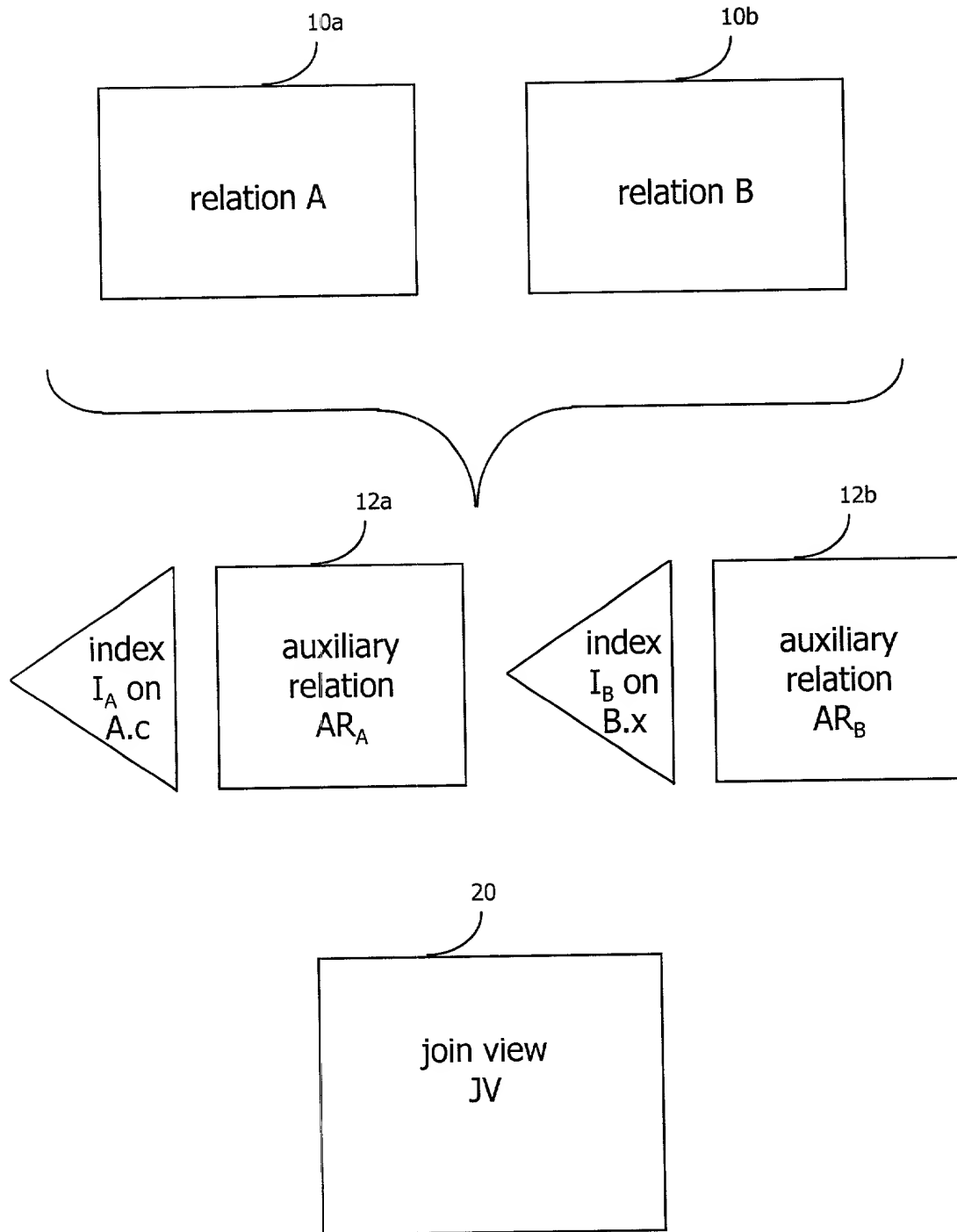


Figure 2

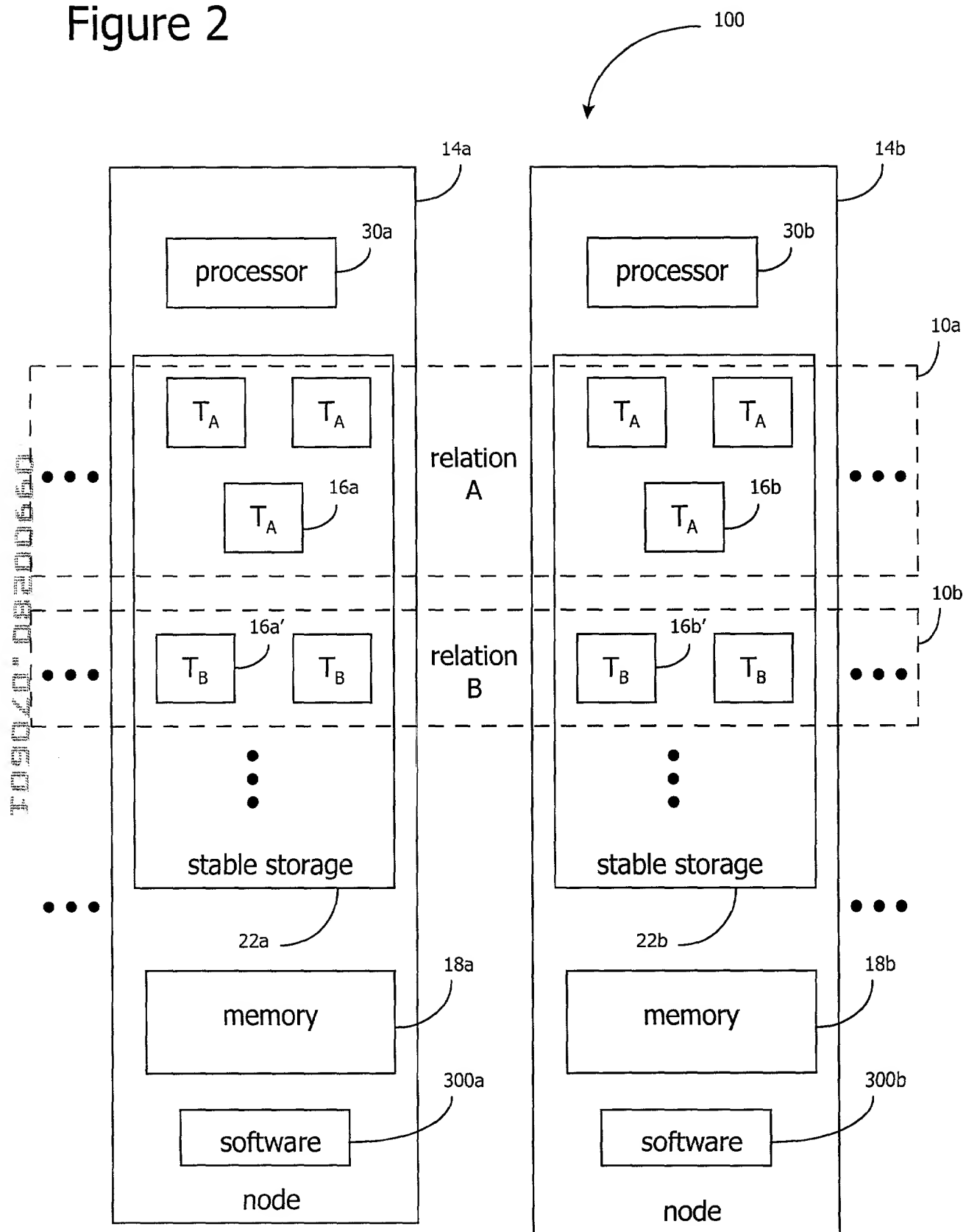


Figure 3

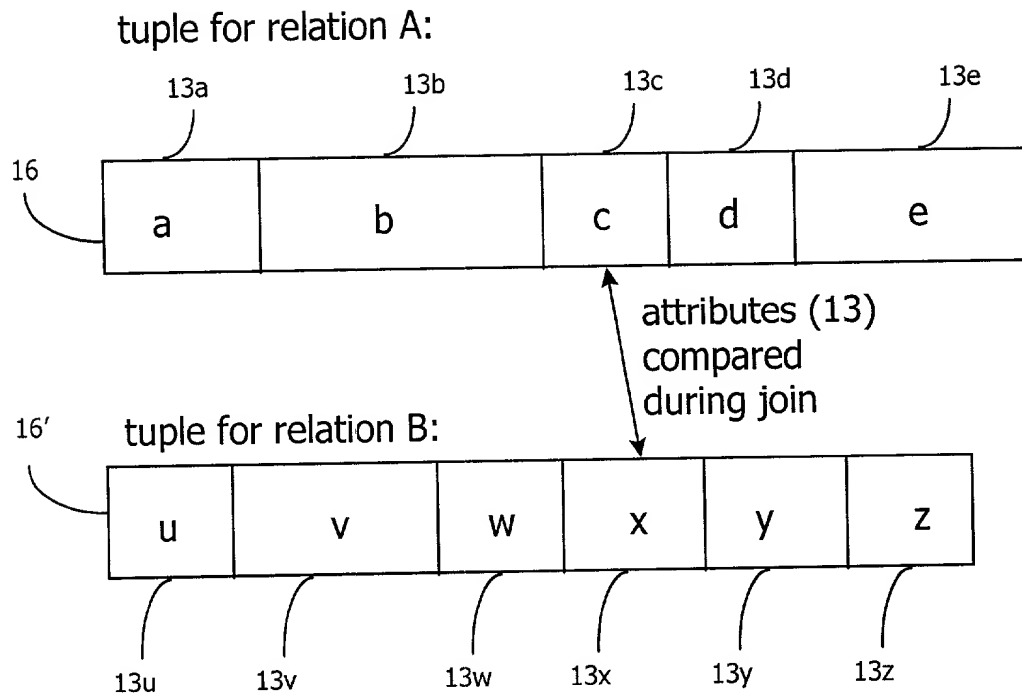


Figure 4

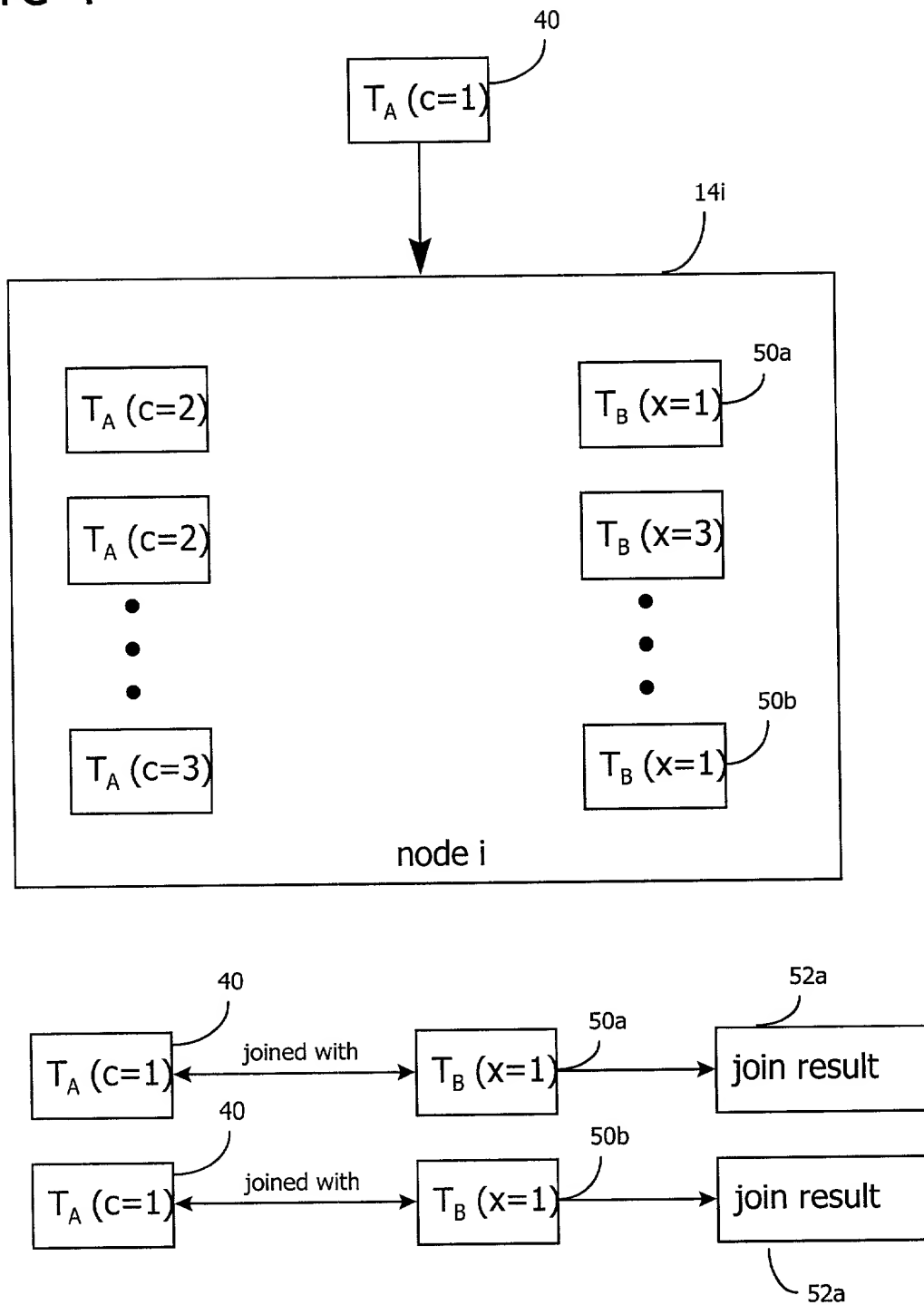
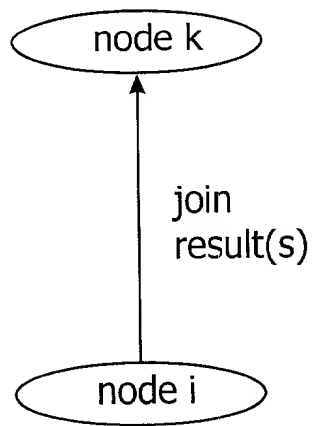


Figure 5A



k) join result(s) inserted  
into join view JV

i2)  $T_A$  joined with  $T_B(s)$  to  
produce join result(s)

i1)  $T_A$  stored in relation A

Figure 5B

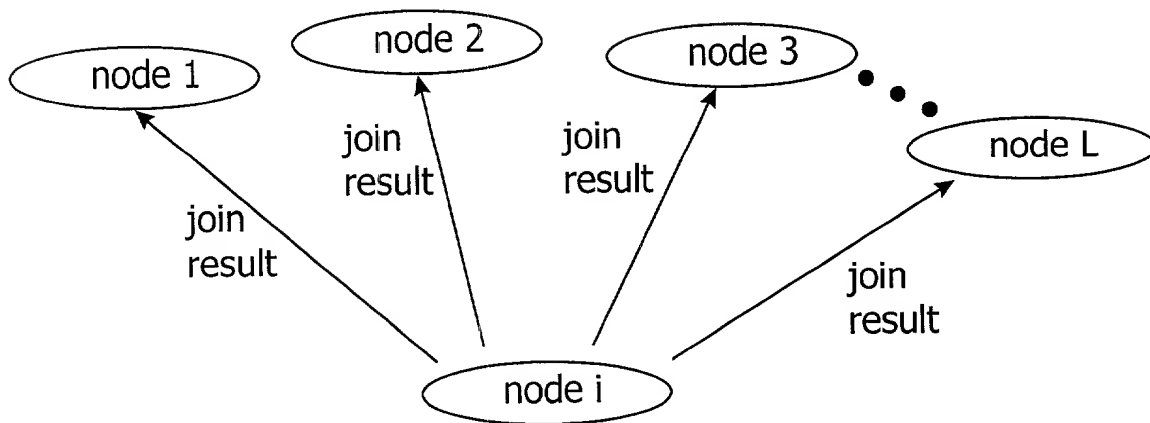


Figure 6A

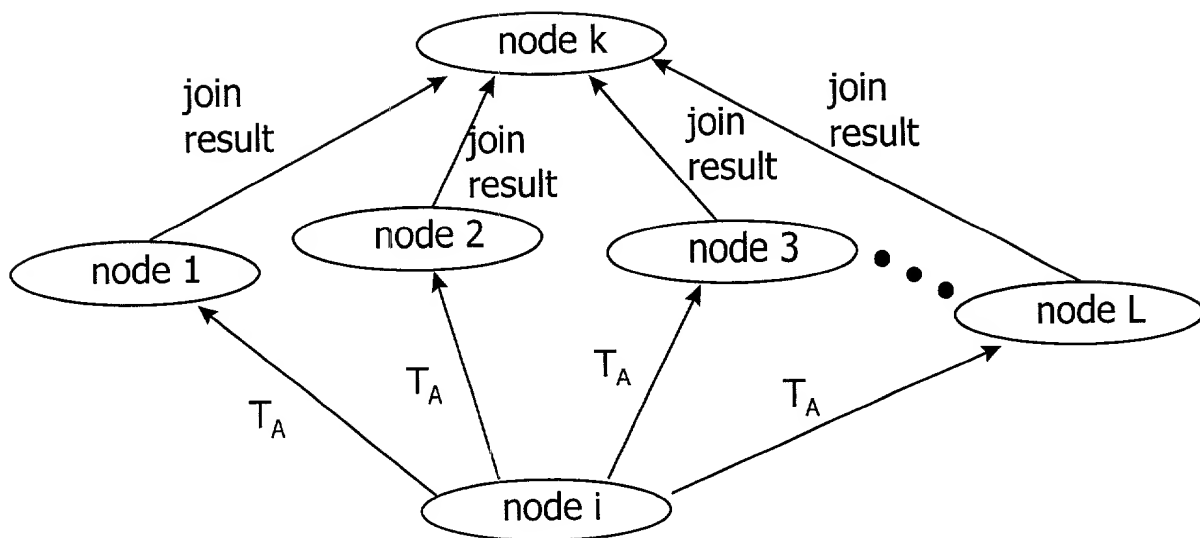
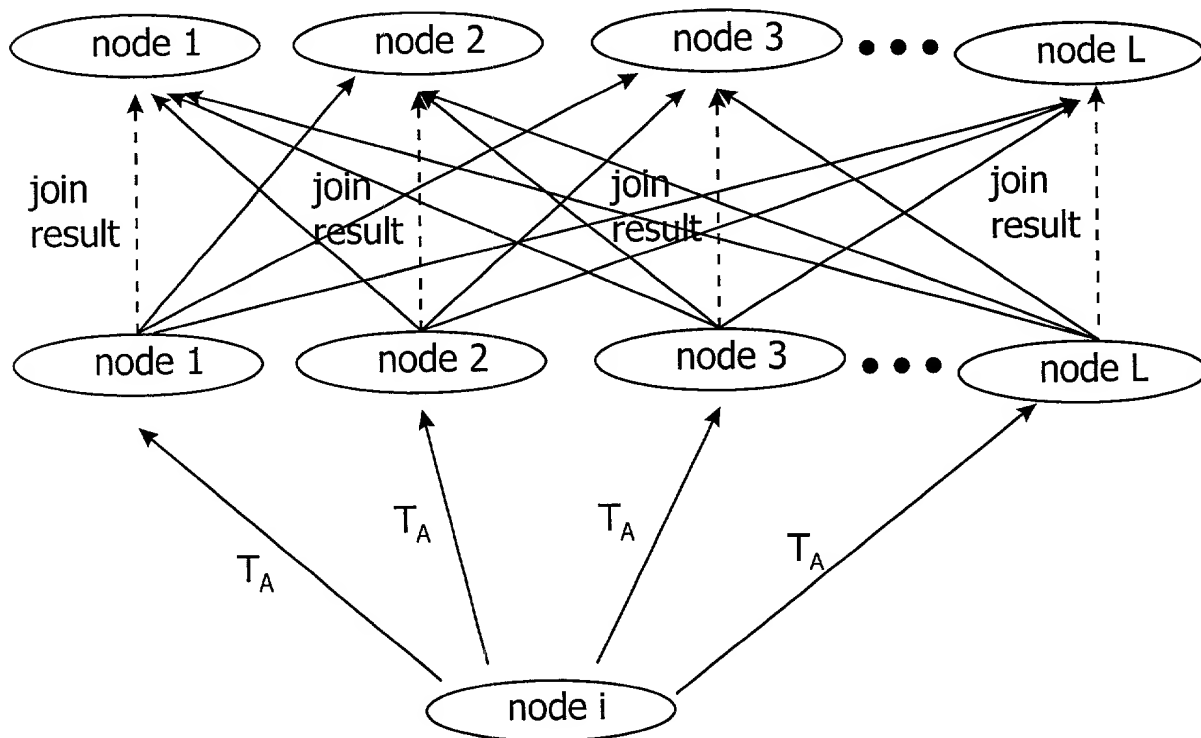
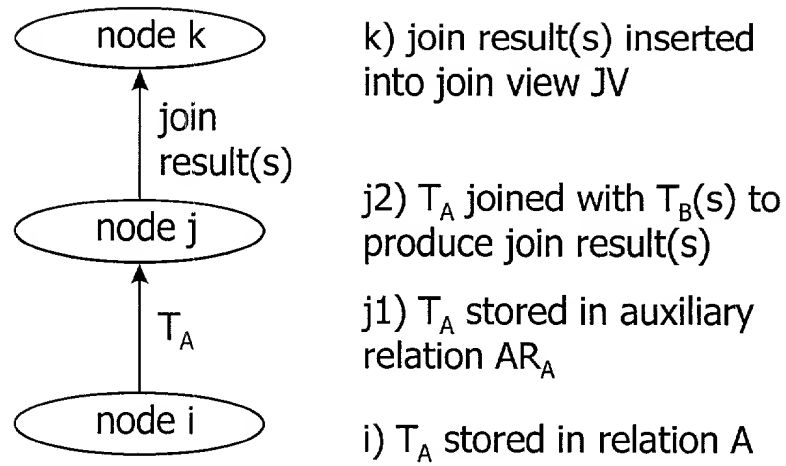


Figure 6B



# Figure 7A



# Figure 7B

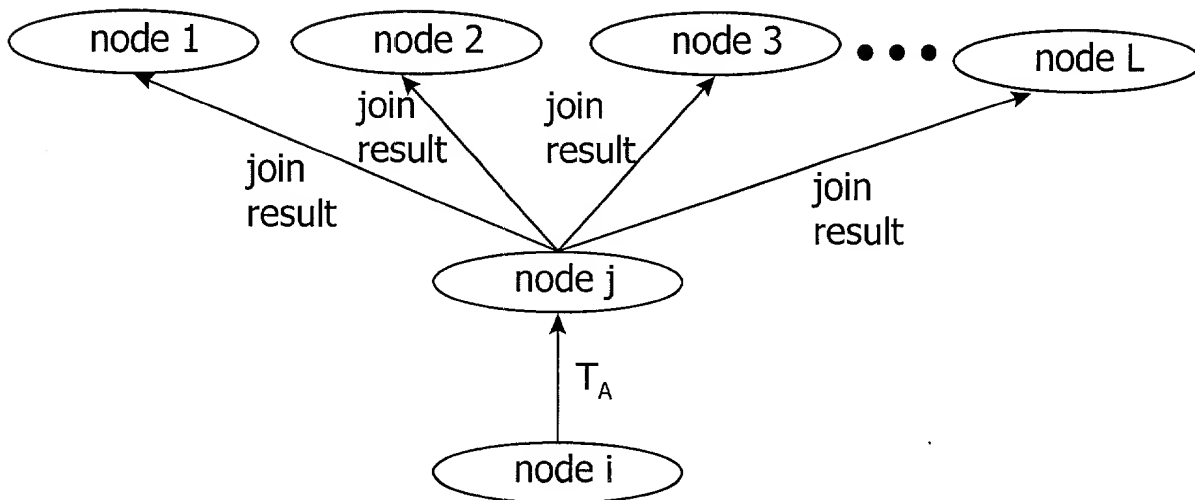


Figure 8

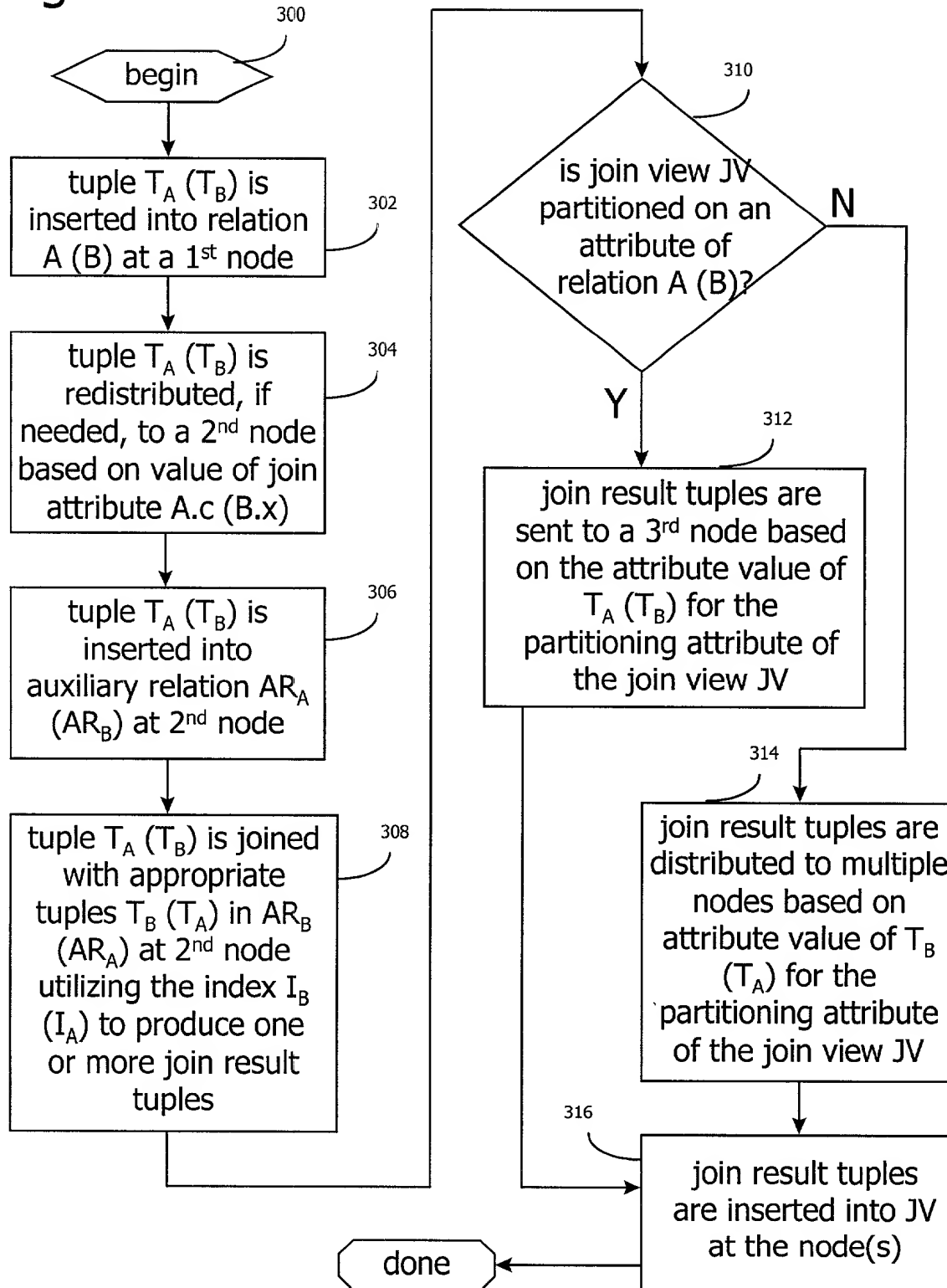
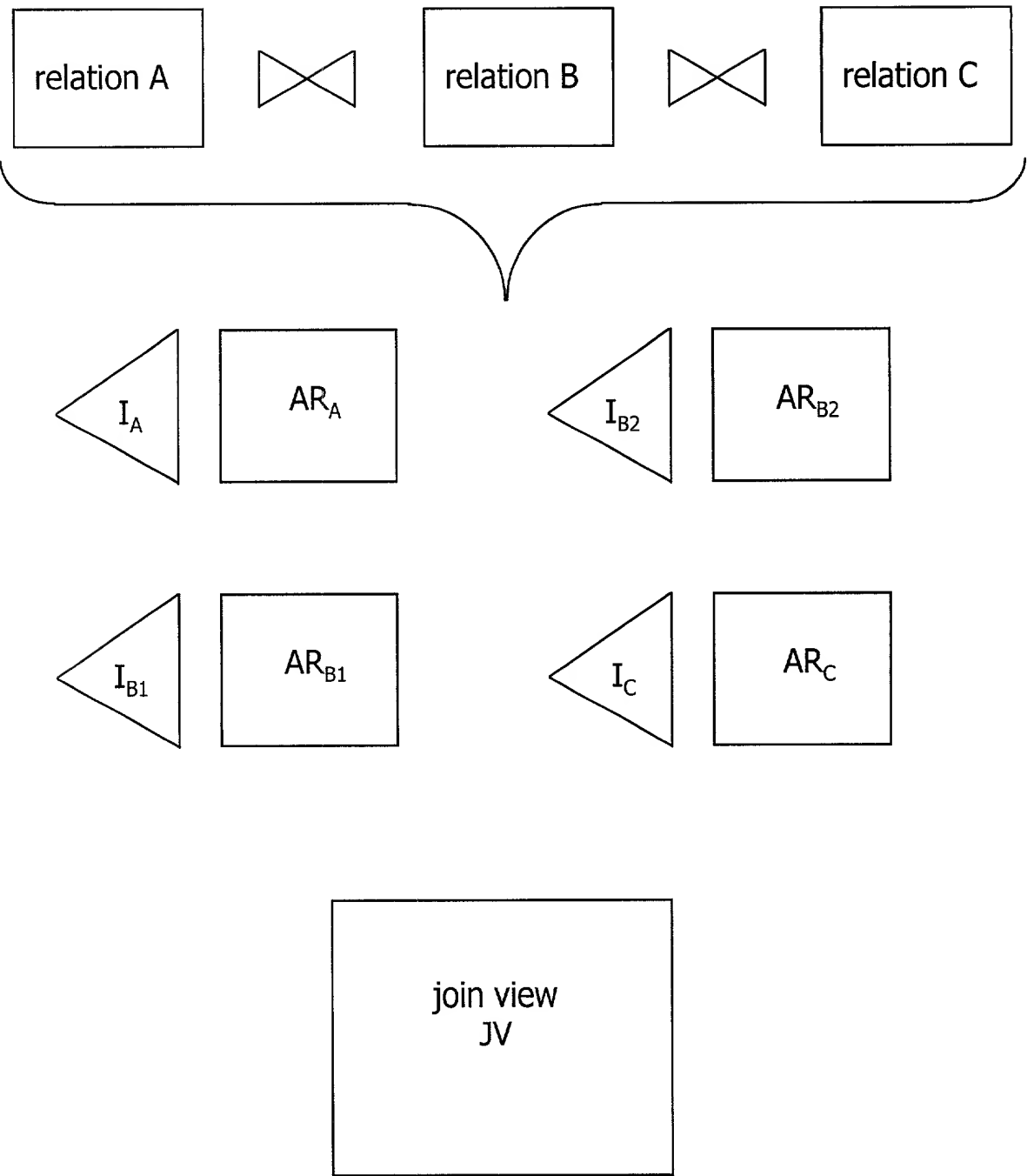


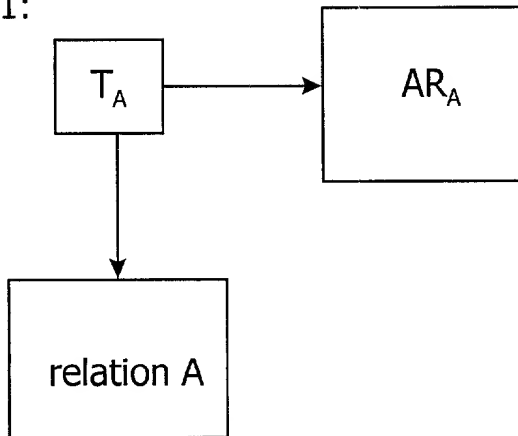
Figure 9A



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Figure 9B

stage 1:



stage 2:

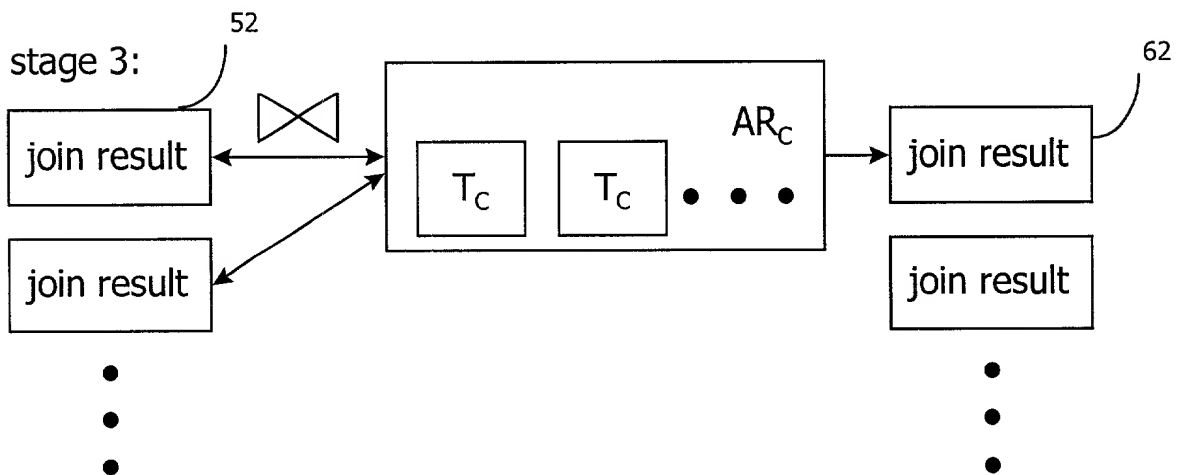
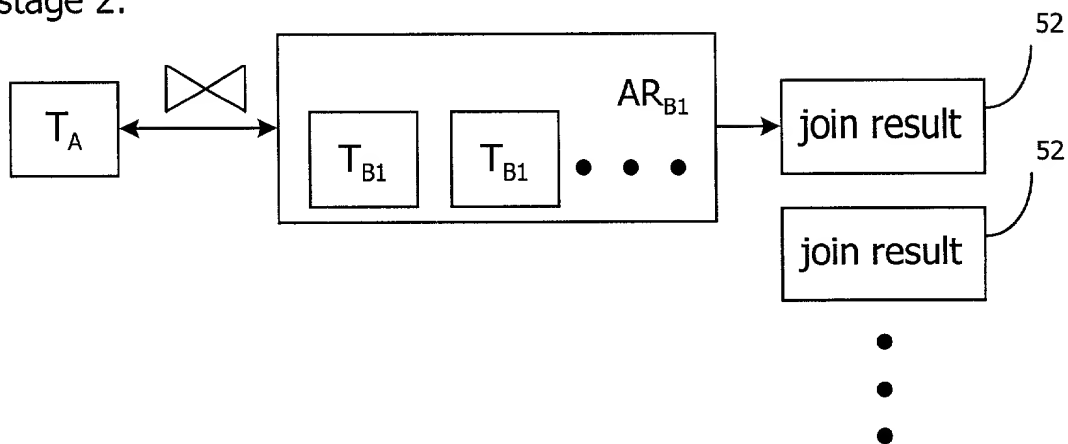
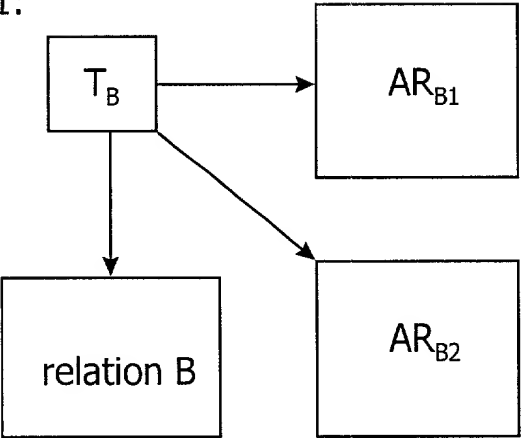
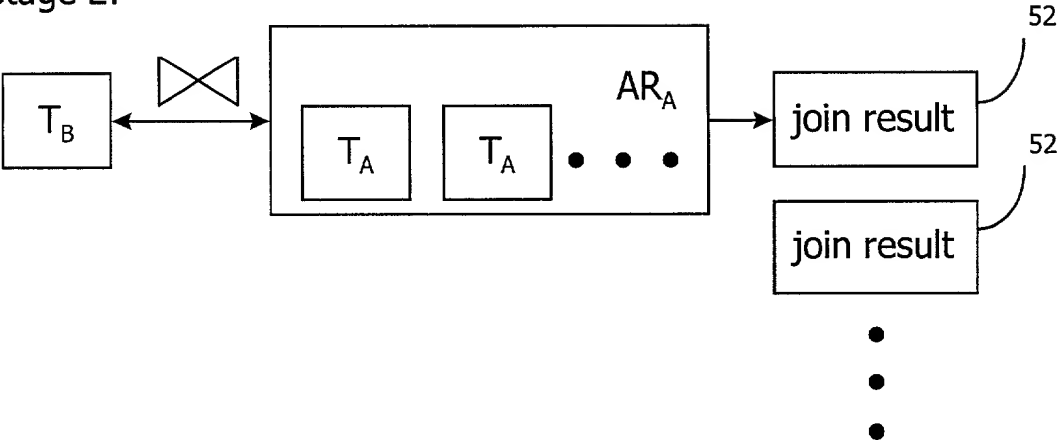


Figure 9C

stage 1:



stage 2:



stage 3:

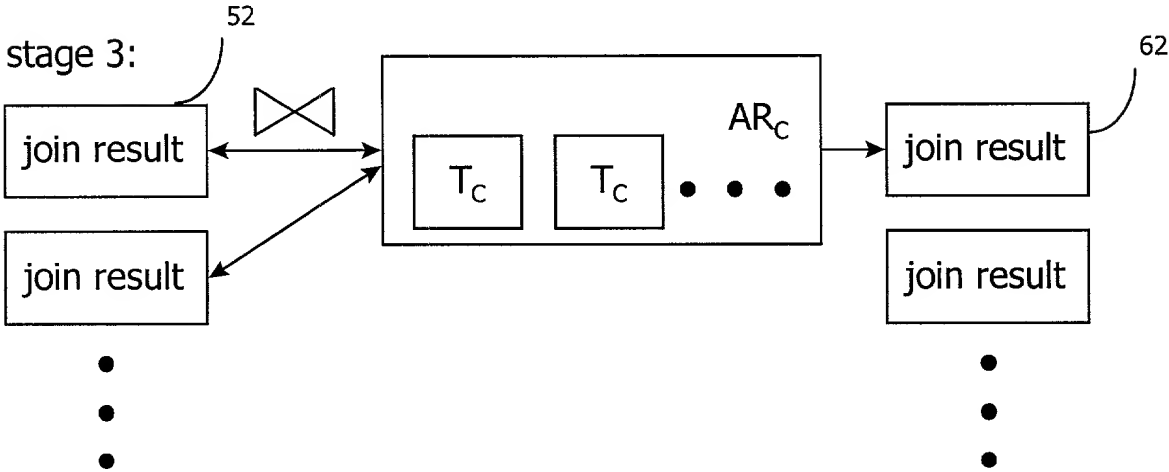
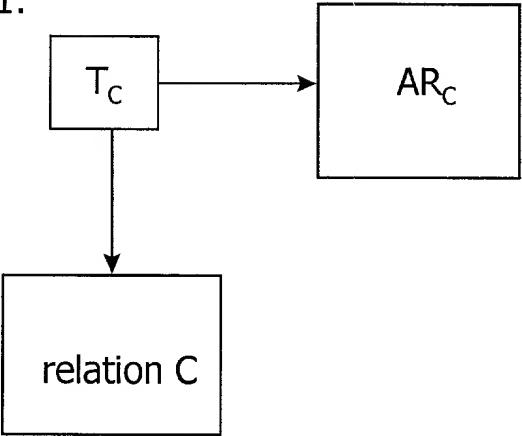


Figure 9D

stage 1:



stage 2:

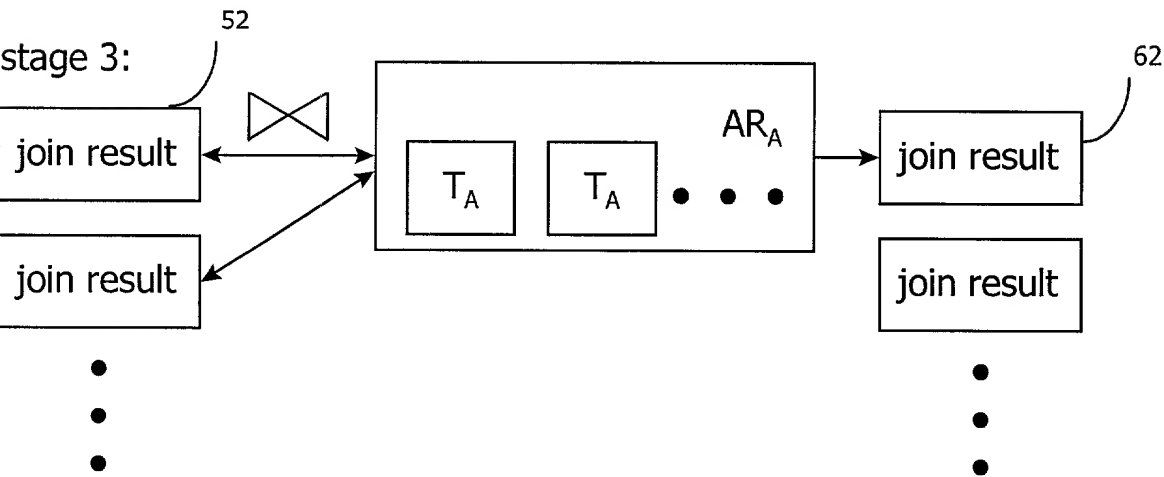
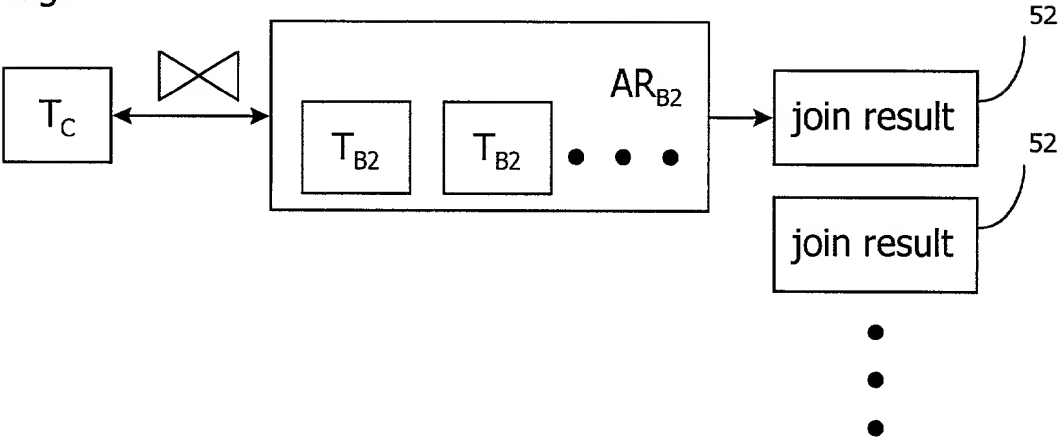


Figure 10

